



81634

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PTO/SB/21 (08-00)  
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<h2 style="margin: 0;">TRANSMITTAL FORM</h2> <p style="margin: 5px 0;">(to be used for all correspondence after initial filing)</p>		<b>Application Number</b>	09/627,362	
		<b>Filing Date</b>	July 28, 2000	
		<b>First Named Inventor</b>	MELCHER, THORSTEN	
		<b>Group Art Unit</b>	1634	
		<b>Examiner Name</b>	CHAKRABARTI, ARUN K.	
<b>Total Number of Pages in This Submission</b>		7	<b>Attorney Docket Number</b>	AGYT-013
<b>ENCLOSURES (check all that apply)</b>				
<div style="display: flex; flex-direction: column; gap: 5px;"><div><input checked="" type="checkbox"/> Fee Transmittal Form</div><div><input type="checkbox"/> Fee Attached</div><div><input type="checkbox"/> Amendment / Reply</div><div><input type="checkbox"/> After Final</div><div><input type="checkbox"/> Affidavits/declaration(s)</div><div><input type="checkbox"/> Extension of Time Request</div><div><input type="checkbox"/> Express Abandonment Request</div><div><input checked="" type="checkbox"/> Information Disclosure Statement</div><div><input type="checkbox"/> Certified Copy of Priority Documents</div><div><input type="checkbox"/> Response to Missing Parts/Incomplete Application</div><div><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53</div></div>		<div style="display: flex; flex-direction: column; gap: 5px;"><div><input type="checkbox"/> Assignment Papers (for an Application)</div><div><input type="checkbox"/> Drawing(s)</div><div><input type="checkbox"/> Licensing-related Papers</div><div><input type="checkbox"/> Petition</div><div><input type="checkbox"/> Petition to Convert to a Provisional Application</div><div><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address</div><div><input type="checkbox"/> Terminal Disclaimer</div><div><input type="checkbox"/> Request for Refund</div><div><input type="checkbox"/> CD, Number of CD(s) _____</div></div>		<div style="display: flex; flex-direction: column; gap: 5px;"><div><input type="checkbox"/> After Allowance Communication to Group</div><div><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences</div><div><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)</div><div><input type="checkbox"/> Proprietary Information</div><div><input type="checkbox"/> Status Letter</div><div><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<div style="margin-top: 5px;"><div>1. Form PTO-SB-08A</div><div>2. Copies of cited references</div><div>3. Postcard</div></div></div></div>
<b>Remarks</b>				
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>				
<b>Firm or Individual Name</b>	PAMELA J. SHERWOOD, Reg. No. 36.677		<div style="font-size: 2em; font-weight: bold; margin: 0;">RECEIVED</div> <div style="font-size: 1.2em; margin: 5px 0;">DEC 19 2002</div> <div style="font-size: 1.2em; font-weight: bold; margin: 0;">TECH CENTER 1600/2900</div>	
<b>Signature</b>				
<b>Date</b>	December 11, 2002			

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<b>Typed or printed name</b>	Susan M. Alessi	<b>Date</b>	December 11, 2002
<b>Signature</b>			

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	09/627,362
Filing Date	July 28, 2000
First Named Inventor	MELCHER, THORSTEN
Examiner Name	CHAKRABARTI, ARUN K.
Group Art Unit	1634
Attorney Docket No.	AGYT-013

**TOTAL AMOUNT OF PAYMENT** (\$)**180.00****METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
Deposit Account Number **50-0815**  
Deposit Account Name **Bozicevic, Field & Francis LLP**  
☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☒ Applicant Claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****2. BASIC FILING FEE**

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)****1. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims 24 -20**	=	x	=
Indep. Claims 5-3**	=	x	=
Multiple Dependent	=	=	=

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$**

\*\*or number previously paid, if greater; For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Fee Code	Large Entity (\$)	Fee Code	Small Entity (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**180.00******SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Pamela J. Sherwood	Registration No. (Attorney/Agent)	36,877	Telephone	(650) 327-3400
Signature		Date	12/11/2002		

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Typed or Printed Name Susan M. Alessi

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*Susan M. Alessi*

Date

December 11, 2002

**INFORMATION DISCLOSURE  
STATEMENT**

Address to:  
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Washington, D.C. 20231

Attorney Docket

AGYT-013

First Named Inventor

MELCHER, THORSTEN

Application Number

09/627,362

Filing Date

July 28, 2000

Group Art Unit

1634

Examiner Name

CHAKRABARTI, ARUN K.

Title: "HIGH-THROUGHPUT TRANSCRIPTOME  
ANALYSIS"

**RECEIVED**

**DEC 19 2002**

**TECH CENTER 1600/2900**

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. This is being filed **after** three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or **after** the mailing date of the first Office Action on the merits, whichever event occurred last, but **before** the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

A Form PTO-SB/08A listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

- ☒ All of the references identified herein are being submitted prior to the final determination on patentability by the Office.
- ☐ All of the references identified herein were cited in an International (PCT) Search Report dated \*, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the references are submitted herewith.
- ☐ All of the references identified herein were disclosed in parent application Serial No. 60/146,640 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d), except if noted below.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

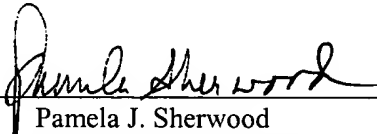
12/18/2002 DENWUJ1 00000001 500815 09627362

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X Please charge the \$180.00 fee required by 37 C.F.R. §1.97(c) and set forth in 37 C.F.R. 1.17(p) and any additional fees which may be required by this paper or any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21, or to credit any overpayment, to Deposit Account No. 50-0815, order number AGYT-013.

Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

Date: December 11, 2002

By:   
Pamela J. Sherwood  
Registration No. 36,677

BOZICEVIC, FIELD & FRANCIS LLP  
200 Middlefield Road, Suite 200  
Menlo Park, CA 94025  
Telephone: (650) 327-3400  
Facsimile: (650) 327-3231

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/627.362
				Filing Date	July 28, 2000
				First Named Inventor	MELCHER, THORSTEN
				Group Art Unit	1634
				Examiner Name	CHAKRABARTI, ARUN K.
				Attorney Docket Number	AGYT-013
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,401,629		Harpold et al.	03-28-95	
		5,482,845		Soares et al.	01-09-96	
		5,637,685		Soares et al.	06-10-97	
		5,702,898		Bonaldo et al.	12-30-97	<b>RECEIVED</b>
		5,759,822		Chenchik et al.	06-02-98	
		5,780,225		Wigler et al.	07-14-98	<b>DEC 19 2002</b>
		5,830,662		Soares et al.	11-03-98	
		5,846,721		Soares et al.	12-08-98	<b>TECH CENTER 1600/2900</b>
		5,866,330		Kinzler et al.	02-02-99	

[illegible]

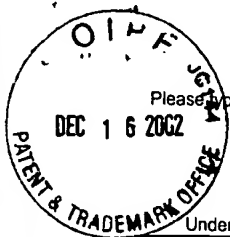
Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Application Number</b>	09/627,362	
		<b>Filing Date</b>	July 28, 2000	
		<b>First Named Inventor</b>	MELCHER, THORSTEN	
		<b>Group Art Unit</b>	1634	
		<b>Examiner Name</b>	CHAKRABARTI, ARUN	
<b>Sheet</b>	2	<b>of</b>	2	<b>Attorney Docket Number</b> AGYT-013

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		AUSUBEL et al., "Production of a Complete cDNA Library", CURRENT PROTOCOLS IN MOLECULAR BIOLOGY, (1999), Greene Publishing and Wiley-Interscience, New York Supplement	
		BONALDO et al., "Normalization and Subtraction: Two Approaches to Facilitate Gene Discovery", Genome Res., (1996), 6:791-806	
		DIATCHENKO, L. et al., "Suppression subtractive hybridization: A method for generating differentially regulated or tissue-specific cDNA probes and libraries", Proc. Natl. Acad. Sci., (1996), 93:6025-6030	
		GURSKAYA, N.G. et al., "Equalizing cDNA Subtraction Based on Selective Suppression of Polymerase Chain Reaction: Cloning of Jurkat Cell Transcripts Induced by Phytohemagglutinin and Phorbol 12-Myristate 13-Acetate", Analytical Biochemistry, (1996), 240: 90-97	
		NGUYEN, C. et al., "Differential Gene Expression in the Murine Thymus Assayed by Quantitative Hybridization of Arrayed cDNA Clones", (1995), Genomics, 29:207-216	
		SOARES et al., "Construction and characterization of a normalized cDNA library", (1994), Proc. Natl. Acad. Sci., 91:9228-32	
		STRAUS et al., "Genomic subtraction for cloning DNA corresponding to deletion mutations", (1990), Proc. Natl. Acad. Sci., 87: 1889-1893	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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